

Converting Colors

XYZ(39.7705, 40.4366, 37.6886)

Have a look what the booklet for
XYZ(39.7705, 40.4366, 37.6886)
contains.

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Color

**XYZ(39.6717, 40.2621,
37.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A79D
RGB	184, 167, 157
RGB Percent	72%, 65%, 62%
CMY	0.2784, 0.3451, 0.3843
CMYK	0.00, 0.09, 0.15, 0.28
HSL	22°, 16%, 67%
HSV	22°, 15%, 72%
XYZ	39.6717, 40.2621, 37.5787
YIQ	170.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

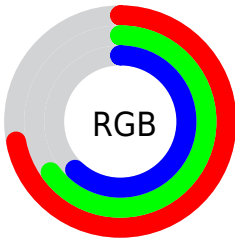
Format	Color
RYB	184, 173, 157
Decimal	12101533
CIELab	69.66, 4.46, 7.39
CIElCh	70, 8.635, 58.897
Yxy	40.2621, 0.3376, 0.3426
Android (android.graphics.Color)	4290291613 (0xFFB8A79D)
YUV	170.9430, -6.8739, 11.4510
Hunter-Lab	63.4524, 0.5600, 9.3031

Details

The XYZ color **39.6717, 40.2621, 37.5787** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6922, 40.9001, 51.2557**, and the grayscale version is **38.7097, 40.7256, 44.3502**.

A 20% lighter version of the original color is **73.9401, 75.5213, 72.9674**, and **18.0923, 18.1274, 16.1810** is the 20% darker color. If you saturate the color by 10%, you get **36.1901, 35.6262, 29.2427**, and if you desaturate by 10%, it is **43.5822, 45.3764, 47.2259**.

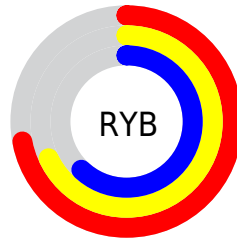
Distribution



Red (72%)

Green (65%)

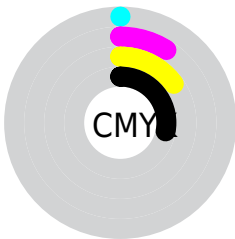
Blue (62%)



Red (72%)

Yellow (68%)

Blue (62%)

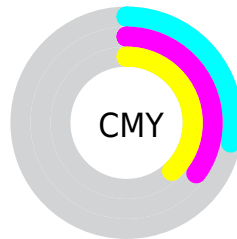


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6717, 40.2621, 37.5787 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.6717, 40.2621, 37.5787 by changing the saturation by 10% instead.


 39.6717, 40.2621,
37.5787


 39.6717, 40.2621,
37.5787


335.8961,
347.2270, 351.0531

 27.4657, 27.7430,
25.3566


 73.9509, 75.5625,
72.6582

 18.0617, 18.1320,
16.1215

 96.7548, 99.1125,
96.3526

 11.0943, 11.0448,
9.4549


123.8220,
127.1082, 124.7082

 6.1980, 6.0970,
4.9382

155.5180,
159.9341, 158.1436

 3.0077, 2.9041,
2.1529

192.2080,
197.9746, 197.0772

 1.1578, 1.0819,
0.6470

234.2575,

 0.0727, 0.0000,

241.6139, 241.9276

0.0000

282.0317,
291.2366, 293.1134

■ 0.0000, 0.0000,
0.0000

■ 39.6717, 40.2621,
37.5787

■ 39.6717, 40.2621,
37.5787

■ 36.1901, 35.6262,
29.2427

■ 43.5822, 45.3764,
47.2259

■ 33.1186, 31.4491,
22.1581

■ 47.9330, 50.9773,
58.2353

■ 30.4418, 27.7178,
16.2643

■ 52.7391, 57.0794,
70.6584

■ 28.1419, 24.4166,
11.4946

■ 58.0138, 63.6952,
84.5433

■ 26.1998, 21.5286,
7.7757

■ 63.7698, 70.8367,
99.9357

■ 24.5941, 19.0359,
5.0253

■ 67.9575, 77.6907,
106.0218

■ 23.3011, 16.9188,
3.1488

■ 71.4108, 84.5973,
107.1729

■ 22.2927, 15.1552,
2.0317

■ 73.5774, 88.9304,
107.8951

■ 21.8449, 14.3455,
1.6176

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.6670, 40.2621, 40.2267



39.6717, 40.2621, 37.5787



38.3196, 40.2621, 36.5913

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.6717, 40.2621, 37.5787



35.6458, 40.2621, 43.6908



39.5801, 40.2621, 50.9210

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.6717, 40.2621, 37.5787



37.6922, 40.9001, 51.2557

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.2163, 40.2621, 51.9847



39.6717, 40.2621, 37.5787



35.9651, 40.2621, 47.6604

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.6717, 40.2621, 37.5787



36.0147, 40.2621, 39.9852



36.8976, 40.2621, 50.7577



40.6132, 40.2621, 47.9319

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.6717, 40.2621, 37.5787



37.4049, 40.2621, 36.9586



36.8976, 40.2621, 50.7577



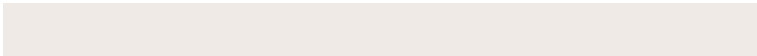
39.1441, 40.2621, 51.5234

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.6728, 40.2639, 37.5796



79.4594, 82.8470, 86.7485



39.4744, 37.3647, 45.2276



17.0084, 17.7027, 18.3976



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.6728, 40.2639, 37.5796



69.5390, 69.8408, 62.3713



42.2556, 45.4294, 38.4405



9.2699, 9.5427, 9.4602



15.1179, 10.0121, 1.1357



0.5931, 0.4732, 0.0601

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.6922, 40.9001, 51.2557



65.1719, 71.2416, 92.5207



35.2319, 35.9795, 50.4356



8.9794, 9.6361, 11.4661



10.3228, 11.1053, 32.8525



0.4210, 0.5057, 1.1772

Previews

White Background



This preview shows how the XYZ color 39.6717, 40.2621, 37.5787 looks on a white background.

Color Contrast Check

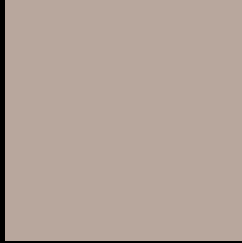
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.6717, 40.2621, 37.5787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6717, 40.2621, 37.5787

Background



This preview shows how black text looks on a background with the XYZ color 39.6717, 40.2621, 37.5787.



This preview shows how white text looks on a background with the XYZ color 39.6717, 40.2621,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.6717, 40.2621, 37.5787

Protanopia

38.4508, 40.4482, 38.1285

Deuteranopia

40.9329, 40.0959, 37.9296



Tritanopia

41.7048, 40.2900, 47.1736

Trichromacy



Original Color

39.6717, 40.2621, 37.5787

Protanomaly

38.9499, 40.4283, 38.0983

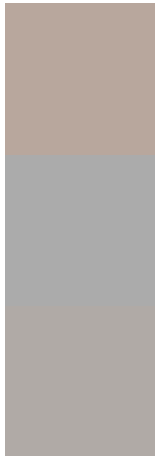
Deuteranomaly

40.3657, 40.0703, 37.9546

Tritanomaly

40.9605, 40.2516, 43.6407

Monochromacy



Original Color

39.6717, 40.2621, 37.5787

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1622, 40.7327, 41.8745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6717, 40.2621, 37.5787 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(184, 167, 157) looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 157) }
```

Border

The CSS property to change the border of an element to XYZ 39.6717, 40.2621, 37.5787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 167, 157) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 167, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 167, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6717, 40.2621, 37.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
167, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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